Acculogic, Inc. Limited Warranty

Acculogic, Inc. (Acculogic) warrants the original purchaser of this Acculogic product that it is to be free of defects in materials and workmanship for a period of two (2) years from the date of purchase from Acculogic or an authorized Acculogic dealer. Should this product, in Acculogic's opinion, malfunction during the warranty period, Acculogic will at its option, repair or replace it at no charge, provided that the product has not been subjected to misuse, abuse or non Acculogic authorized alterations, modifications or repairs.

Products requiring Limited Warranty Service during the warranty period must be delivered to Acculogic or an Acculogic authorized dealer with proof of purchase date. If the delivery is by mail, the purchaser agrees to insure the product or assume risk of loss or damage in transit. The purchaser also agrees to prepay shipping charges to Acculogic or an authorized Acculogic dealer. All replaced parts and products become the property of Acculogic.

CAUTION: The original shipping container and shipping components should be retained; shipping this product in other than the original factory supplied containers and shipping components, or equivalent, will void the warranty. ACCULOGIC PROVIDES ONLY THE WARRANTIES SET FORTH IN THIS LIMITED WARRANTY. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. IN THE EVENT THE PRODUCT MALFUNCTIONS, THE PURCHASER'S SOLE REMEDY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE.

UNDER NO CIRCUMSTANCES WILL ACCULOGIC BE LIABLE IN ANY WAY TO THE USER FOR DAMAGES, INCLUDING ANY LOST PROFITS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF USE OF, OR INABILITY TO USE SUCH PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR CONSUMER PRODUCTS, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. This warranty applies to hardware products only. Licensed Software products are warranted as reflected upon their applicable licensing agreements.

Acculogic

13715 Alton Parkway
Irvine, California 92718
(714) 454-2441
FAX: (714) 454-8527
BBS: (714) 454-8124

Acculogic

sIDE-1/16™

IDE Disk Controller

Installation Guide

sIDE-1/16 Board Installation

Thank you for selecting an Acculogic sIDE-1/16 Board for your computer. The sIDE-1/16 Board allows you to add two Intelligent Drive Electronics (IDE) hard disk drives to your computer. Your sIDE-1/16 Board requires the following:

1. An 8088 computer with 8-bit, IBM PC AT compatible expansion slots.
2. One or two 16-Bit IDE hard disk drives. (Any capacity)
3. One 40-pin IDE drive cable.

Installation

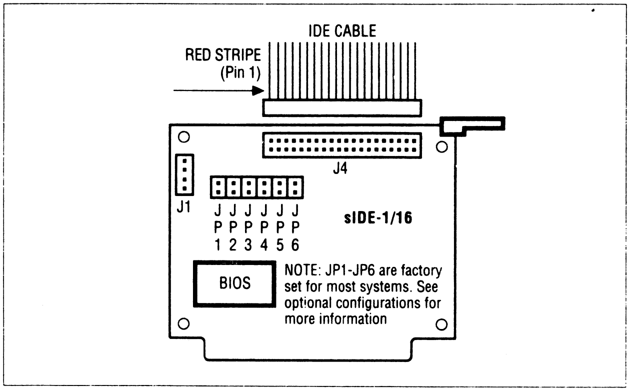
Caution: Before continuing the installation be sure that you have turned your computer off and disconnected the power cord and all other cables from your system. Failure to remove the power cord and cables may result in electrical shock.

1. Remove the sIDE-1/16 Board from the package, being careful to handle the board by its edges.
2. Locate the 40-pin Winchester connector (J4) at the top of the sIDE-1/16 Board and connect one end to the 40-pin drive cable as shown in Figure 1.

Note: Be sure to properly align the cable with the connector. Some cables are "keyed" so they can only be installed one way. Other cables have a red stripe on one edge, indicating the position of pin 1 of the cable. Make sure that pin 1 of the Winchester (J4) connector lines up with the red stripe on the cable.

Refer to the factory settings for jumpers in Table 1 to be sure that the configuration is correct for your system. If you need to make changes, complete the jumper changes before you install the sIDE-1/16 Board in the computer.

Figure 1


IDE CABLE
RED STRIPE (Pin 1)
J4
J1
JP1 JP2 JP3 JP4 JP5 JP6
sIDE-1/16
BIOS
NOTE: JP1-JP6 are factory set for most systems. See optional configurations for more information

3. Follow the instructions provided with your computer system to remove the cover from your computer.
4. Your sIDE-1/16 Board replaces older, 8 bit hard disk controller boards so that you can use higher performance, 16-Bit high capacity disk drives in your system. Before installing the sIDE-1/16 Board, remove or disable any existing hard disk controller boards in your system.
5. Install your 16-Bit IDE hard drives in your computer in accordance with the manufacturer's instructions. Be sure that you have connected the power cable for the drives.
6. Install the sIDE-1/16 Board in an empty 8-Bit expansion slot as close to the IDE hard drive as possible.
7. Connect the loose end of the drive cable to the IDE drive. Again, make sure that pin 1 in the cable (red stripe) is aligned with pin 1 of the connector on the IDE drive.
8. (Optional) Locate the LED connector (J1) and attach the front panel LED plug. If your system has a 2 pin plug, connect it to either pins 1 and 2, OR 3 and 4 of the LED connector (J1).

Note: Some drives must be configured to drive the LED light. See the manual provided with your hard drive to determine if any special set-up is required.

9. Replace the cover to your computer, reconnect the power cord and all other cables, and turn on power.

Note: The sIDE-1/16 includes it's own on board BIOS which automatically determines the correct drive types for your system.

10. Run the MS-DOS FDISK utility to create a DOS partition(s); then format the hard disk partition(s) using the MS-DOS FORMAT command.

Optional Configurations

Your sIDE-1/16 Board comes from the factory configured to work with most popular drives and systems. The sIDE-1/16 Board provides 6 jumper selectable optional configurations. These options are selected via jumpers JP1 through JP1 through JP6, located as shown in Table 1.

Table 1

Jumper	In/Out	Configuration
JP1	Out*	ROM Enabled
JP1	In	ROM Disabled
JP2	Out*	ROM Address
JP3	Out*	Range C800h
JP2	Out	ROM Address
JP3	In	Range CC00h
JP2	In	ROM Address
JP3	Out	Range D800h
JP2	In	ROM Address
JP3	In	Range DC00h
JP4	Out	IDE IRQ
JP5	In*	Level 5
JP4	In	IDE IRQ
JP5	Out	Level 2
JP6	In*	IDE Enable
JP6	Out	IDE Disable

* denotes Factory Setting